

# PHYSICAL SCIENCES

## PAPER 1

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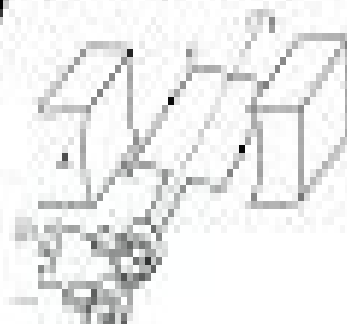


Figure 1: A circuit is shown in which  $E$ , the EMF (12V) is equal to the voltage across the battery.

1. (1 mark)  
State the meaning of potential difference across a component.  
Answer: The difference in potential energy per unit charge between two points in the circuit.



- 1.1 Draw a free-body diagram for the block.
- 1.2 Calculate the acceleration of the block.



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# Physical Science Paper 2 June Memorandum

**Aileen Fyfe, Noah Moxham, Julie  
McDougall-Waters, Camilla Mørk  
Røstvik**



**Physical Science Paper 2 June Memorandum:**

## Unveiling the Energy of Verbal Beauty: An Psychological Sojourn through **Physical Science Paper 2 June Memorandum**

In some sort of inundated with displays and the cacophony of immediate transmission, the profound power and mental resonance of verbal art frequently diminish into obscurity, eclipsed by the continuous barrage of sound and distractions. Yet, set within the lyrical pages of **Physical Science Paper 2 June Memorandum**, a fascinating work of fictional elegance that pulses with fresh emotions, lies an unforgettable trip waiting to be embarked upon. Written by a virtuoso wordsmith, this mesmerizing opus guides readers on an emotional odyssey, softly revealing the latent potential and profound influence stuck within the complicated internet of language. Within the heart-wrenching expanse of the evocative evaluation, we will embark upon an introspective exploration of the book is main subjects, dissect its charming writing style, and immerse ourselves in the indelible impact it leaves upon the depths of readers souls.

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